

### **REMARKS**

Claims 1-21 and 23-60 are pending, wherein claims 3 and 18 have been amended, claim 22 has been cancelled, and new claims 23-60 have been added in order for Applicants to more fully claim what they regard as their invention.

Preliminarily, Applicants wish to thank the Examiner for indicating that claims 1, 2, 4-7 and 19-21 are allowed, and that claim 18 is merely objected to. Claim 18 has been amended so as to overcome the objection.

The Office Action rejects claims 3 and 22 for various reasons set forth in the Office Actino. Claim 3 has been amended in order to address and overcome the rejections, while claim 22 has been cancelled, thereby rendering that rejection moot.

Support for new claims 23-60 is as follows:

Claims 2-4, 10, 15 and 17 are amended to maintain proper antecedent basis. Claim 11 was amended to add silver and gold as disclosed at page 7, lines 29-30 and page 1, line 22. Claim 13 was amended to correct an obvious typographical error.

Applicants have added new claims 23-60 in order to more fully claim what they regard as their invention. Because claims 23-60 are similar to subject matter that the Examiner has already indicated is allowable, Applicants believe the claims 23-60 are likewise allowable over the prior art of record.

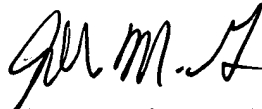
<b><u>Claim</u></b>	<b><u>Support</u></b>
23	Page 8, lines 1-5
24	Page 1, line 27 – page 2, line 8; page 4, lines 4-6; page 11, lines 16-22
25	Page 11, lines 19-21
26	Claim 1, Page 7, lines 13-16; page 7, line 27; page 8, lines 18-22; page 9, lines 5-6; page 10, lines 9-13 and 20
27	Claim 3
28	Claim 5
29	Claim 9
30	Claim 10
31	Claim 11; page 7, lines 29-30

<b><u>Claim</u></b>	<b><u>Support</u></b>
32	Claim 12
33	Claim 13; page 8, lines 1-2
34	Page 7, lines 30-31
35	Page 8, lines 2-4
36	Page 7, lines 29-31
37	Page 10, lines 9-13
38	Page 10, line 10
39	Page 10, line 11
40	Support is in claim 10
41	Page 10, lines 19-21
42	Page 8, lines 2-4
43	Claim 15; page 7, lines 4-5; page 10, line 29 – page 11, line 6
44	Claim 11
45	Page 7, line 30
46	Page 10, line 8
47	Page 8, line 15
48	Page 11, line 5
49	Page 5, lines 6-8
50	Page 11, line 2
51	Page 11, line 6
52	Claim 36
53	Claim 16
54	Page 11, lines 10-11
55	Page 11, line 11
56	Page 11, lines 11-14
57	Page 11, line 16
58	Page 11, lines 16-18
59	Page 11, lines 20-21
60	Page 4, lines 3-6

In view of the foregoing, Applicants believe that the claims as now presented are in allowable form. In the event that the Examiner finds remaining impediment to a prompt allowance of this application that may be clarified through a telephone interview, or that may be overcome by an Examiner's Amendment, the Examiner is requested to contact the undersigned attorney.

Dated this 11<sup>th</sup> day of November 2003.

Respectfully submitted,



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PATENT APPLICATION  
Docket No: 15913.23

In re application of

Bing Zhou et al.

Serial No.: 10/066,289

Filed: January 31, 2002

Confirmation No.: 2043

**For:** Supported Noble Metal Nanometer Catalyst  
Particles Containing Controlled (111) Crystal  
Face Exposure

Examiner: Cam N. Nguyen

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### CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Date of deposit: November 11, 2003.

- Amendment “A” and Response (13 pages)
- Form PTO-2038 in the amount of \$750
- Transmittal Letter (in duplicate)
- Postcard

Respectfully submitted,

  
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